Author Index

Andersen, L. J., and Gosk, E. Applicability of Vulnerability Maps, 39–43.

Barres, M., Brossier, G., and Sauter, M. Developing a Methodology for In Situ Measurements of Low Permeability Suitable for Hazardous-Waste Landfill, 29–31.

Bennett, G. F. Impact of Toxic Chemicals on Local Wastewater Treatment Plant and Environment, 201–212.

Collins, B. D., and Dunne, T. Gravel Transport, Gravel Harvesting, and Channel-Bed Degradation in Rivers Draining the Southern Olympic Mountains, Washington, U.S.A., 213–224.

Cooper, C. M., and McHenry, J. R. Sediment Accumulation and Its Effects on a Mississippi River Oxbow Lake, 33–37.

Essington, M. E. Trace Element Mineral Transformations Associated with Hydration and Recarbonation of Retorted Oil Shale, 59–66.

Hayashi, H., and Ishii, M. Accidents Due to Oxygen Deficiency and Methane Blow-Off in Tokyo Area, Japan, 167–177.

Joshi, S. R., and Bobba, A. G. Estimation of Mixing Rates in Western Lake Ontario Sediments by Finite Element Analysis of ^{210}Pb Profiles, 195–200.

Kafri, U., and Foster, M. B. J. Hydrogeology of the Malami Dolomite in the Klip River and Natalspruit Basins, South Africa, 153–166.

Kazmann, R. G. Editorial—An Old Friend Returns to the Wars, 181–182.

Kemmerly, P. R. The Karst Contagion Model: Synopsis and Environmental Implications, 137–143.

Kesel, R. H. The Role of the Mississippi River in Wetland Loss in Southeastern Louisiana, 183–193.

LaMoreaux, P. E. Editorial—Memorial: John Barratt Patton, Ph.D., 71–72.

LaMoreaux, P. E., Hughes, T. H., Memon, B. A., and Lineback, N. Hydrogeologic Assessment—Figeh Spring, Damascus, Syria, 73–127.

LeGrand, H. E. An Innovative Hydrogeologic Setting for Disposal of Low-Level Radioactive Wastes, 233–239.

Lehr, J. Editorial—A Case for State Certification of Water Experts, 1–2.

Mantei, E. J., and Coonrod, D. D. Heavy Metal Content in the Stream Sediments Adjacent to a Sanitary Landfill, 51–58.

Memon, B. A., and Prohić, E. Movement of Contaminants in Karstified Carbonate Rocks, 3–13.

Otton, J. K., Zielinski, R. A., and Been, J. M. Uranium in Holocene Valley-fill Sediments, and Uranium, Radon, and Helium in Waters, Lake Tahoe—Carson Range Area, Nevada and California, U.S.A., 15–28.

Prohić, E., and Juračić, M. Heavy Metals in Sediments—Problems Concerning Determination of the Anthropogenic Influence. Study in the Krka River Estuary, Eastern Adriatic, 145–151.

Roddy, M., and Tomlinson, M. Peat Deposit Water Quality in Lake Istokpoga, Florida, U.S.A., 45–50.

Roy, W. R., Griffin, R. A., Mitchell, J. K., Mitchell, R. A. Limitations and Feasibility of the Land Disposal of Organic Solvent-Contaminated Wastes, 225–231.

Simpson, T. A. Blasting: Another Environmental Woe, 129–135.

Smath, M. L. Book Review: *Teaching and Field Trip Guide to Alluvial Processes and Sedimentation of the Mississippi River, Fulton County, Kentucky, and Lake County, Tennessee,* by P. E. Potter, W. A. Pryor, L. M. Smith, and D. Rich, 67.

Title Index

Accidents Due to Oxygen Deficiency and Methane Blow-Off in Tokyo Area, Japan. H. Hayashi and M. Ishii, 167–177.

An Innovative Hydrogeologic Setting for Disposal of Low-Level Radioactive Wastes. H. E. LeGrand, 233–239.

Applicability of Vulnerability Maps. L. J. Andersen and E. Gosk, 39–43.

Blasting: Another Environmental Woe. T. A. Simpson, 129–135.

Book Review: *Teaching and Field Trip Guide to Alluvial Processes and Sedimentation of the Mississippi River, Fulton County, Kentucky, and Lake County, Tennessee*, by P. E. Potter, W. A. Pryor, L. M. Smith, and D. Rich. M. L. Smath, 67.

Developing a Methodology for In Situ Measurements of Low Permeability Suitable for Hazardous-Waste Landfill. M. Barres, G. Brossier, and M. Sauter, 29–31.

Editorial—A Case for State Certification of Water Experts. J. Lehr, 1–2.

Editorial—An Old Friend Returns to the Wars. R. G. Kazmann, 181–182.

Editorial—Memorial: John Barratt Patton. P. E. LaMoreaux, Ph.D., 71–72.

Estimation of Mixing Rates in Western Lake Ontario Sediments by Finite Element Analysis of ^{210}Pb Profiles. S. R. Joshi and A. G. Bobba, 195–200.

Gravel Transport, Gravel Harvesting, and Channel-Bed Degradation in Rivers Draining the Southern Olympic Mountains, Washington, U.S.A. B. D. Collins and T. Dunne, 213–224.

Heavy Metal Content in the Stream Sediments Adjacent to a Sanitary Landfill. E. J. Mantei and D. D. Coonrod, 51–58.

Heavy Metals in Sediments—Problems Concerning Determination of the Anthropogenic Influence. Study in the Krka River Estuary, Eastern Adriatic. E. Prohić and M. Juračić, 145–151.

Hydrogeologic Assessment—Figeh Spring, Damascus, Syria. P. E. LaMoreaux, T. H. Hughes, B. A. Memon, and N. Lineback, 73–127.

Hydrogeology of the Malami Dolomite in the Klip River and Natalspruit Basins, South Africa. U. Kafri and M. B. J. Foster, 153–166.

Impact of Toxic Chemicals on Local Wastewater Treatment Plant and Environment. G. F. Bennett, 201–212.

The Karst Contagion Model: Synopsis and Environmental Implications. P. R. Kemmerly, 137–143.

Limitations and Feasibility of the Land Disposal of Organic Solvent-Contaminated Wastes. W. R. Roy, R. A. Griffin, J. K. Mitchell, R. A. Mitchell, 225–231.

Movement of Contaminants in Karstified Carbonate Rocks. B. A. Memon and E. Prohić, 3–13.

Peat Deposit Water Quality in Lake Istokpoga, Florida, U.S.A. M. Roddy, and M. Tomlinson, 45–50.

The Role of the Mississippi River in Wetland Loss in Southeastern Louisiana. R. H. Kessel, 183–193.

Sediment Accumulation and Its Effects on a Mississippi River Oxbow Lake. C. M. Cooper and J. R. McHenry, 33–37.

Trace Element Mineral Transformations Associated with Hydration and Recarbonation of Retorted Oil Shale. M. E. Essington, 59–66.

Uranium in Holocene Valley-fill Sediments, and Uranium, Radon, and Helium in Waters, Lake Tahoe—Carson Range Area, Nevada and California, U.S.A. J. K. Otton, R. A. Zielinski, and J. M. Been, 15–28.